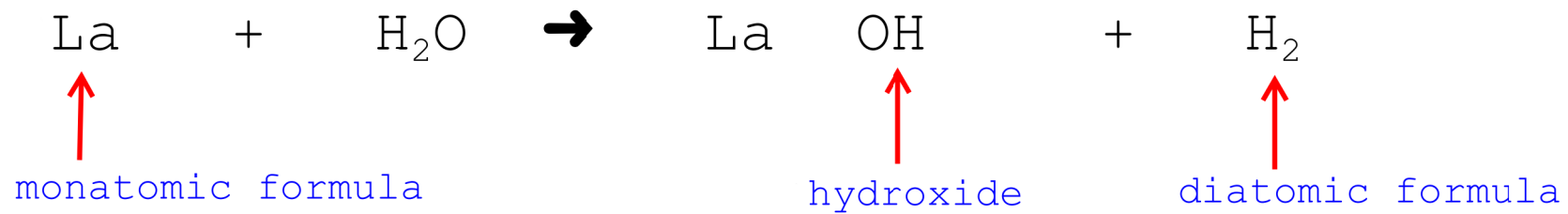
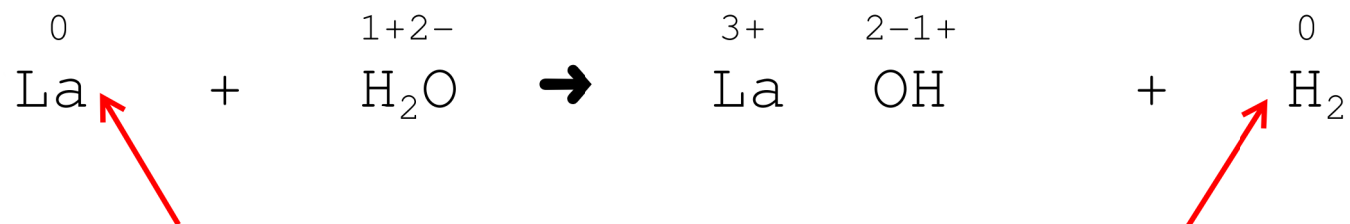


SCOLL DOWN THROUGH THE PAGES!!

Equation in rough form

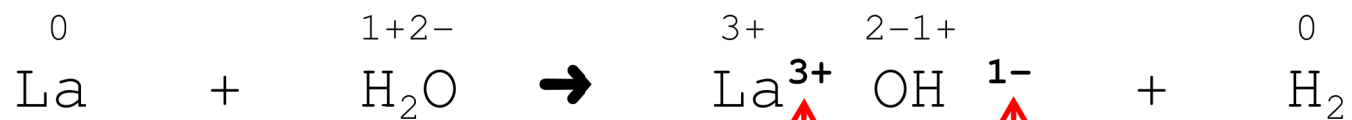


Add oxidation states using periodic table (must be given for polyvalent ions)



Remember - elements have a 0 oxidation state  
(unless of course they are in ionic form)

Figure out the IONIC charges for the IONIC COMPOUND

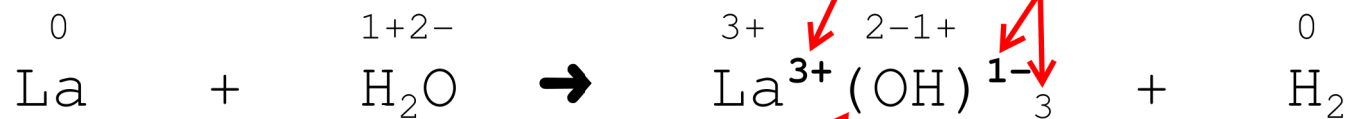


simply the  
oxidation state  
of the cation

sum of the oxidation  
states on the oxygen  
and hydrogen

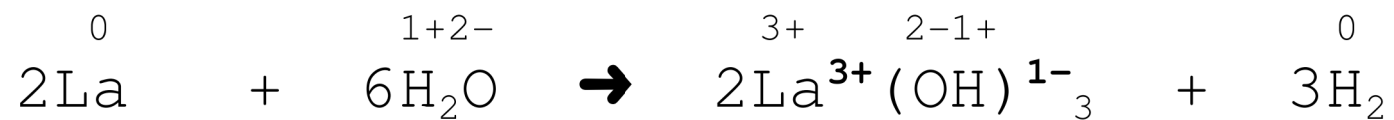
use the ionic charges  
to balance the formula

$$(3+) + 3(1-) = 0$$



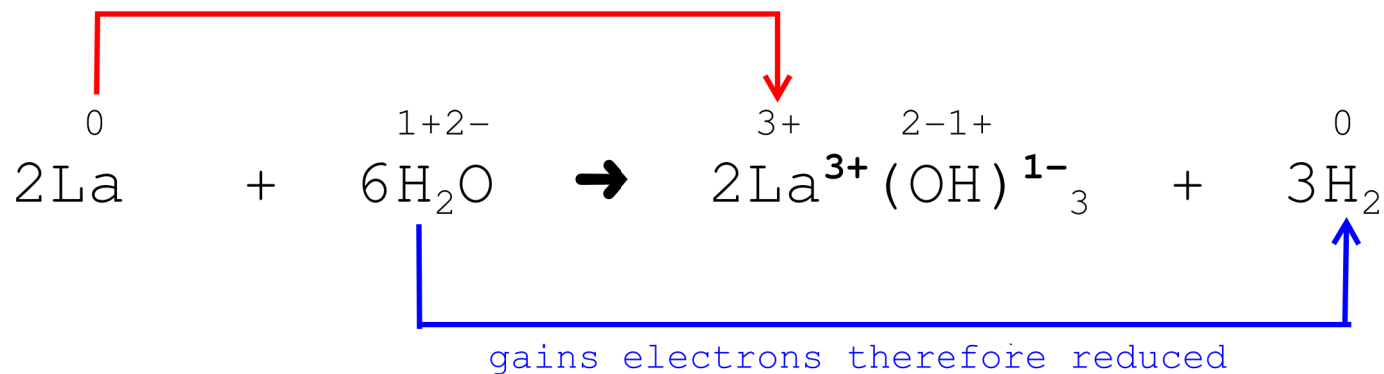
Because more than one hydroxide is required,  
Brackets must be used (Brackets must not be  
used if not absolutely necessary (NaOH is  
correct, Na(OH) is incorrect!!

Balance the equation by adding "stoichiometric" coefficients



"stoichiometric" is a fancy word for "chemical" coefficients

loses electrons therefore oxidized



Using oxidation states determine who has lost (oxidized) or gained (reduced) This is an example of how any parts of question #1, 2 and 3 should be answered on the Relative Reactivity Report

